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EXAMINER

SMITH, SHEILA B

ART UNIT

PAPER NUMBER

2683

DATE MAILED: 12/21/2001

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/627,684

Applicant(s)

RAJANIEMI, JAAKKO

Examiner

Sheila B. Smith

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-21 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

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## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

1. Claim 9, is rejected under 35 U.S.C. 102(e) as being anticipated by Kaminsky et al. (U. S. Patent Number 6,219,538).

*Regarding claim 9*, Kaminsky et al. discloses everything claimed, as applied above (see claims 1 ) in addition, Kaminsky et al. discloses record of registration data contains pairs and comparison for each data item as disclosed in column 2 lines 25-37.

### *Claim Rejections - 35 USC § 103*

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1, 6, and 19-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kaminsky et al. in view of Monrad et al. (U. S. Patent Number 6,208,628).

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***Regarding claims 1, 6, and 19-21,*** Kaminsky et al. discloses all the claimed invention as set forth in the instant application, in addition Kaminsky et al. discloses a method and apparatus for fraud control in cellular telephone systems further Kaminsky et al. discloses a method for performing a detach of a terminal registered to a network comprising sending a detach request, receiving detach request, comparing received request, detaching terminal as disclosed in column 5 lines 9-40. However, Kaminsky et al. fails to disclose detach from terminal to the network.

In the same field of endeavor, Monrad et al. further discloses a method for providing a unique temporary identification of a mobile station. In addition Monrad et al. discloses a detach from terminal to the network in column 1 lines 65-67 and in column 2 lines 1-7

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to improve Kaminsky et al. by modifying a method and apparatus for fraud control in cellular telephone systems with the use of discloses a method for providing a unique temporary identification of a mobile station as taught by Monrad for the purpose of authenticating the number.

***Regarding claims 2-5,*** Kaminsky et al. discloses everything claimed, as applied above (see claims 1 ) in addition, Kaminsky et al. discloses sending detach request message as disclosed in column 6 lines 58-67.

3. Claims 7-8, 10-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kaminsky et al. in view of Monrad and further in view of Kuriki (U. S. Patent Number 5,765,105).

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***Regarding claims 7,8,15,16,17,18***, Kaminsky et al. in view of Monrad discloses everything claimed, as applied above (see claims 1 ) however, Kaminsky et al. in view of Monrad fails to specifically disclose temporary subscriber and international subscriber identity.

In the same field of endeavor, Kuriki further discloses a communication system capable of using a plurality of subscriber identity media sharing a single subscriber identity information. In addition Kuriki. discloses a international subscriber identity in column 1 lines 25-30.

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to improve Kaminsky et al. by modifying a method and apparatus for fraud control in cellular telephone systems with the use of a temporary subscriber and international subscriber identity as taught by Kuriki for the purpose of authenticating the number.

***Regarding claim 10***, Kaminsky et al. in view of Monrad discloses everything claimed, as applied above (see claims 1 ) however, Kaminsky et al. in view of Monrad fails to specifically discloses sending a registration request from terminal to network.

In the same field of endeavor, Kuriki further discloses a communication system capable of using a plurality of subscriber identity media sharing a single subscriber identity information. In addition Kuriki. discloses a registration request from a terminal to network as disclosed in column 4 lines 25-34.

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to improve Kaminsky et al. by modifying a method and apparatus for fraud control in cellular telephone systems with the use of a registration request from a terminal to network as taught by Kuriki for the purpose of authenticating the number.

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***Regarding claims 11-14***, Kaminsky et al. in view of Monrad discloses everything claimed, as applied above (see claims 1 ) however, Kaminsky et al. in view of Monrad fails to specifically disclose a registration request from terminal to network.

In the same field of endeavor, Kuriki further discloses a communication system capable of using a plurality of subscriber identity media sharing a single subscriber identity information. In addition Kuriki. discloses a registration request from a terminal to network as disclosed in column 11 lines 48-64.

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to improve Kaminsky et al. by modifying a method and apparatus for fraud control in cellular telephone systems with the use of a registration request from a terminal to network as taught by Kuriki for the purpose of authenticating the number.

***Citation of Pertinent Art***

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

***Rudokas et al.*** (U. S. Patent Number 6,185,416) discloses method and apparatus for fraud control in cellular telephone systems;

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***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sheila B. Smith whose telephone number is (703)305-0104. The examiner can normally be reached on Monday-Thursday 8:00 am - 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Trost can be reached on 703-308-5318. The fax phone numbers for the organization where this application or proceeding is assigned are (703)308-6306 for regular communications and (703)308-6296 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)305-4700.

S. Smith  
December 17, 2001

  
WILLIAM TROST  
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